

## **Fiscal Year 2011 Energy & Water Appropriations Requests**

**Project Name:** Arkansas River Levees  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** These levees are along the Arkansas River in Arkansas.  
**FY11 Request:** \$450,000

**Project Purpose:**

The Arkansas River Levees Rehabilitation Study was completed in 2005, and it found that the economic figures need to be updated for all of the levees along the Arkansas River between Pine Bluff and Fort Smith and that new engineering assessments need to be performed. FY11 funding will be used to initiate this work.

**Project Name:** Arkansas River Valley Tire Reclamation Project  
**Recipient:** West River Valley Regional Solid Waste Management  
**Project Location:** Clarksville, AR  
**FY11 Request:** \$1,000,000

**Project Purpose:**

This project will update Arkansas's Solid Waste Management District facility so that it is equipped to process used tires. With funding, the facility will be able to reclaim products from used tires or remarket the used tires.

**Project Name:** Augusta Riverfront Development, AR  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** City of Augusta, 210 Main Street, Augusta, AR 72006  
**FY11 Request:** \$50,000

**Project Purpose:**

The City of Augusta has requested planning assistance from the Corps to develop a first class riverfront park along the riverbanks of the White River in historic downtown Augusta. The City would like the riverfront development to include a viewing deck, pavilion, river walk, picnic areas, floating boat docks, and boat ramp for river access.

**Project Name:** Augusta and Clarendon, Arkansas  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The project area is located along the White River in Woodruff and Prairie counties, Arkansas.  
**FY11 Request:** \$100,000

**Project Purpose:**

Funds will be used to perform operation, maintenance, and rehabilitation of authorized and completed levees on the White River between Augusta and Clarendon.

**Project Name:** Bayou Meto Basin, Arkansas  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The project is primarily located in east central Arkansas in Lonoke, Pulaski, Prairie, Jefferson and Arkansas counties.  
**FY11 Request:** \$78,000,000

**Project Purpose:**

This project will address agricultural flooding, loss of environmental resources, and the depletion of the alluvial aquifer, which provides essentially all the water used for agricultural irrigation and baitfish farming and supports area wetlands.

**Project Name:** Beaver Dam Trout Production Facility, Arkansas  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** The Trout Production Facility is to be located just below the Beaver Dam in Carroll County, Arkansas.  
**FY11 Request:** \$600,000

**Project Purpose:**

Funds could be used to complete the project design and the National Environmental Policy Act considerations. The document would include: coordination with SWPA for computation of the hydropower debt offset; items of local cooperation; and project design, plans, specifications, and NEPA considerations.

**Project Name:** Blakely Mountain Dam/Lake Ouachita, AR  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** Blakely Mountain Dam/Lake Ouachita is located on the Ouachita River in Garland and Montgomery Counties, Arkansas.  
**FY11 Request:** \$9,672,000

**Project Purpose:**

Funds are requested to continue current level of service and address maintenance backlog.

**Project Name:** Bloom Box Project  
**Recipient:** City of Little Rock, AR  
**Project Location:** Little Rock, AR  
**FY11 Request:** \$500,000

**Project Purpose:**

The City of Little Rock requests funding to implement a demonstration project to reduce the carbon foot print by installing a Bloom Box energy system in a city building. The Bloom Box system generates power off the grid and will drastically reduce energy costs. The primary costs will be for the purchase and installation of equipment.

**Project Name:** Cache River Basin, Grubbs, Arkansas  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The problem area is located primarily in Jackson County, Arkansas, but flooding impacts other counties to include Poinsett and Craighead counties.  
**FY11 Request:** \$350,000  
**Project Purpose:**  
The study will identify potential solutions to channel blockage along the Cache River, downstream of the Town of Grubbs.

**Project Name:** Channel Improvement, AR, IL, KY, LA, MS, MO, TN  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** On the Mississippi River and along its banks from Cairo, IL to the Head of Passes, LA.  
**FY11 Request:** \$59,800,000  
**Project Purpose:**  
The project provides for stabilizing the banks of the Mississippi River in a desirable alignment and obtaining the most efficient flow characteristics for flood control and navigation.

**Project Name:** DeGray Lake, AR  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** DeGray Lake is located on the Caddo River in Clark and Hot Spring counties.  
**FY11 Request:** \$9,754,000  
**Project Purpose:**  
Funds are requested to continue current level of service and address maintenance backlog.

**Project Name:** Delta Regional Authority  
**Recipient:** Delta Regional Authority  
**Project Location:** Alabama, Arkansas, Illinois, Kentucky, Louisiana, Mississippi, Missouri, and Tennessee  
**FY11 Request:** \$30,000,000  
**Project Purpose:**  
Funds are requested to enable the Delta Regional Authority to continue providing coordination among federal, state, and local entities committed to economic development in the Lower Mississippi Delta Region.

**Project Name:** DeQueen Lake, AR  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** DeQueen, Sevier County, Arkansas  
**FY11 Request:** \$3,393,000  
**Project Purpose:**  
Funds are requested to operate and maintain the lake, including minor breakdown maintenance, recreational management, environmental and cultural resource stewardship, dam safety inspections, dam operations, water control, Corps on-site staff, utilities, and trash and mowing service contracts.

**Project Name:** Des Arc Levee Protection, AR  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The project area is located at approximately mile 142 on the White River near Des Arc, Arkansas.  
**FY11 Request:** \$100,000

**Project Purpose:**  
Bank caving and scour created by the White River is nearing the levee. The study would identify potential solutions to bank caving.

**Project Name:** Dierks Lake, AR  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** Dierks, Howard County, Arkansas  
**FY11 Request:** \$2,213,000

**Project Purpose:**  
Funds are requested to operate and maintain the lake, including minor breakdown maintenance, recreational management, environmental and cultural resource stewardship, dam safety inspections, dam operations, water control, Corps on-site staff, utilities, and trash and mowing service contracts.

**Project Name:** East Arkansas Enterprise Community, AR  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The project area is located in Cross, Lee, Monroe, and St. Francis counties. The area has been designated an Enterprise Community by the US Department of Agriculture.  
**FY11 Request:** \$6,500,000

**Project Purpose:**  
The proposed project would provide for needed environmental infrastructure improvements to drainage, sewer, water, streets, and roads.

**Project Name:** Ethanol from Agriculture for Arkansas and America  
**Recipient:** Arkansas State University  
**Project Location:** Approximately 70 percent of the work will be conducted at Arkansas State University in Jonesboro, Arkansas. The university will also collaborate with Applied Biotechnology Institute in San Luis Obispo, California, Texas A&M University in College Station, Texas, and FutureFuel Chemical Company in Batesville, Arkansas.  
**FY11 Request:** \$3,000,000

**Project Purpose:**  
The goal of the project is to produce enzymes in large volumes at a price that enables the biomass-to-ethanol industry.

**Project Name:** Fourche Bayou Basin, Arkansas  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** The project is located in Little Rock, Arkansas for the purpose of flood damage reduction.  
**FY11 Request:** \$2,226,000

**Project Purpose:**  
Funds will be used to complete an ongoing project by acquiring 1,750 acres of Fourche bottomland hardwoods for flood storage and environmental preservation and to design and construct nature appreciation facilities.

**Project Name:** Gillham Lake, AR  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** Gillham, Howard County, Arkansas  
**FY11 Request:** \$1,437,000

**Project Purpose:**  
Funds are requested to operate and maintain the lake, including minor breakdown maintenance, recreational management, environmental and cultural resource stewardship, dam safety inspections, dam operations, water control, Corps on-site staff, utilities, and trash and mowing service contracts.

**Project Name:** Grand Prairie Region, Arkansas  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The project is located in Arkansas and Prairie counties and a small portion of Lonoke and Monroe counties, Arkansas.  
**FY11 Request:** \$98,700,000

**Project Purpose:**  
This project will provide for agricultural water supply, groundwater protection, and fish and wildlife restoration and enhancement.

**Project Name:** Helena Harbor, AR  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** On the Mississippi River at mile 663 at Helena.  
**FY11 Request:** \$500,000

**Project Purpose:**  
Funding would provide for maintenance of this slack water harbor.

**Project Name:** Helena Harbor, Phillips Co., AR  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** On the Mississippi River at mile 652 at Helena.  
**FY11 Request:** \$600,000

**Project Purpose:**  
Funding would provide for maintenance of the slack water harbor.

**Project Name:** Little River County (Ogden Levee), AR  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** The flood control project includes reconstruction of the Ogden Levee along the Red River in Little River County.  
**FY11 Request:** \$100,000

**Project Purpose:**  
This request would move the project directly into the Preconstruction Engineering and Design phase.

**Project Name:** Lonoke White Public Water Authority  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** Greers Ferry Lake  
**FY11 Request:** \$8,000,000

**Project Purpose:**  
Funding will be used to design and construct a water intake structure at Greers Ferry Lake to provide a reliable domestic water source to the 12 members of the Lonoke White Public Water Authority in Central Arkansas.

**Project Name:** Loomis Landing, Arkansas  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The project area is located in Prairie County, Arkansas on the White River.  
**FY11 Request:** \$100,000

**Project Purpose:**  
There are erosion, scour, and bank caving problems on the White River in the vicinity of Loomis Landing, Arkansas. The study would identify potential solutions to bank caving problems.

**Project Name:** Lower Arkansas River, North Bank, AR  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** This project is located in southeast Arkansas.  
**FY11 Request:** \$423,000

**Project Purpose:**  
Funds are requested to continue operation and maintenance of project features.

**Project Name:** Lower Arkansas River, South Bank, AR  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** This project is located in southeast Arkansas.  
**FY11 Request:** \$350,000

**Project Purpose:**  
Funds are requested to continue operation and maintenance of project features.

**Project Name:** Lower Cache River Restoration, Arkansas  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The study area is located in Monroe County, Arkansas  
**FY11 Request:** \$5,000,000

**Project Purpose:**

The project would increase fish and wildlife habitat within the area designated by the Ramsar Convention as “Wetlands of International Importance.”

**Project Name:** Lower Mississippi River Resource Assessment, AR, IL, KY, LA, MS, MO, TN  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The study area covers portions of 7 states and 235 counties and parishes.  
**FY11 Request:** \$250,000

**Project Purpose:**

The study output will be a watershed management plan.

**Project Name:** May Branch, Fort Smith, AR  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** May Branch flows through a covered conduit within the city limits of Fort Smith into the Arkansas River.  
**FY11 Request:** \$1,500,000

**Project Purpose:**

The project would consist of a 2.77-mile long open channel to convey flood waters from the May Branch Basin to the Arkansas River.

**Project Name:** McClellan-Kerr Arkansas River Navigation System (MKARNS), AR and OK, 12-ft. Navigation Channel  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** The existing 445-mile long McClellan-Kerr Arkansas River Navigation system (MKARNS) consists of 18 locks and dams, providing 9-foot depth inland navigation from the Mississippi River to Catoosa, Oklahoma.  
**FY11 Request:** \$20,000,000

**Project Purpose:**

This project would deepen the navigation channel to a minimum depth of 12 feet throughout out the navigation system.

**Project Name:** MidSouth/Southeast BioEnergy Consortium  
**Recipient:** University of Arkansas, Arkansas State University, and the University of Georgia.

**Project Location:** This project will be conducted in Fayetteville, Arkansas; Jonesboro, Arkansas; and Athens, Georgia.

**FY11 Request:** \$6,000,000

**Project Purpose:**

The project will position the MidSouth and Southeast bioenergy industry to expand from biodiesel and grain to ethanol to commercial production of cellulosic ethanol, and develop economic and environmental viable systems to produce, harvest and process relevant feedstocks for biodiesel and ethanol operations.

**Project Name:** Millwood Lake, AR

**Recipient:** US Army Corps of Engineers, Little Rock District

**Project Location:** The Little River Watershed in and around Millwood, Dierks, DeQueen and Gillham Reservoirs in southwest Arkansas.

**FY11 Request:** \$5,102,000

**Project Purpose:**

Accelerated siltation at Millwood Lake is adversely affecting the quantity and quality of water for recreation, water supply, fish and wildlife habitat and is reducing flood storage capacity. Funding will be used for operations and maintenance activities.

**Project Name:** Millwood Lake, Grassy Lake, AR

**Recipient:** US Army Corps of Engineers, Little Rock District

**Project Location:** Grassy Lake is just downstream of Millwood Dam along Yellow Creek in Southwest Arkansas.

**FY11 Request:** \$100,000

**Project Purpose:**

The study will determine if there is a federal and local interest in the environmental restoration of the area's privately owned hunt clubs and a state wildlife management area.

**Project Name:** Mississippi River Levees, AR, IL, KY, LA, MS, MO, & TN

**Recipient:** US Army Corps of Engineers, Memphis District

**Project Location:** The Mississippi River Levee System provides flood protection to rural, agricultural and urban areas in the Lower Mississippi Valley Division. In the Memphis District, the levee system extends from Allenville, Missouri, on the Little River Headwater Diversion Channel to the vicinity of the mouth of the White River in Arkansas on the west bank, and from Hickman, Kentucky, to the Coahoma-Bolivar County line in Mississippi on the east bank, except where interrupted by high ground and tributary streams.

**FY11 Request:** \$32,250,000

**Project Purpose:**

The Mississippi River Levee System provides flood protection to over 30,000 square miles of rural, agricultural, and urban property in the Mississippi Valley.



**Project Name:** Mississippi River Levees, AR, IL, KY, MS, MO, & TN  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The Mississippi River Levee (MRL) system on the west bank extends from Allenville, MO, on the Little River Diversion Channel generally southward to the vicinity of Venice, LA. On the east bank the MRL system begins at Hickman, KY, and ends opposite Venice, LA.  
**FY11 Request:** \$12,250,000

**Project Purpose:**  
The project provides for the maintenance of authorized facilities for the protection against headwater floods of the Mississippi River by means of levees, berms, culverts, outlet structures, and floodwalls.

**Project Name:** Mobile Energy Storage Systems for Renewable Energy Sources  
**Recipient:** Exide Technologies  
**Project Location:** Research will be conducted in Alpharetta, Georgia, and if successful, production of this technology will take place at Exide's production facility in Ft. Smith, Arkansas.  
**FY11 Request:** \$2,600,000

**Project Purpose:**  
To achieve optimized large-scale, mobile energy storage capability and maximized cycle life of the storage system, research will be conducted to study the effect of temperature distribution and dynamic control throughout the system to maintain proper cell balance, assure safety and to eliminate or minimize site maintenance.

**Project Name:** Nano-Composites from Renewable Resources  
**Recipient:** University of Arkansas at Little Rock  
**Project Location:** University of Arkansas at Little Rock  
**FY11 Request:** \$1,500,000

**Project Purpose:**  
The goal of the project is to validate and scale up a low cost manufacturing process for production of nano-composite materials. A novel method for the preparation and manufacture of carbon and carbon-metal nano-structured composites has been developed at the University of Arkansas at Little Rock.

**Project Name:** Narrows Dam/Lake Greeson, AR  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** Narrows Dam/Lake Greeson is located on the Little Missouri River in Pike County, Arkansas.  
**FY11 Request:** \$5,474,000

**Project Purpose:**  
Funds are requested to continue current level of service and address maintenance backlog.

**Project Name:** National Center for Reliable Electric Power Transmission

**Recipient:** University of Arkansas

**Project Location:** The project location is Fayetteville, Arkansas.

**FY11 Request:** \$2,200,000

**Project Purpose:**

NCREPT's main objective is the development of state-of-the-art power electronics equipment based on silicon carbide technology to sustain grid reliability for future power systems through the creation of new protection and power flow devices.

**Project Name:** Natural Resource Research Center (NRRC)

**Recipient:** Southern Arkansas University

**Project Location:** Magnolia, Arkansas

**FY11 Request:** \$1,000,000

**Project Purpose:**

The research center will develop techniques enabling the use of lignite in an environmentally responsible manner. Funding will be used for operational expenses for alternative energy research such as staffing, equipment, lab supplies, maintenance, and building expenses for the Natural Resource Research Center.

**Project Name:** Osceola Harbor, AR

**Recipient:** US Army Corps of Engineers, Memphis District

**Project Location:** On the Mississippi River at mile 785 at the City of Osceola, Arkansas.

**FY11 Request:** \$1,300,000

**Project Purpose:**

This request would provide for maintenance of this slack water harbor.

**Project Name:** Ouachita-Black Navigation Project, Red River to Camden, AR

**Recipient:** US Army Corps of Engineers, Vicksburg District

**Project Location:** The project for navigation on the Red, Black, and Ouachita Rivers extends 382 miles from Old River to Camden, Arkansas, and provides for a 9-by-100 foot navigation channel. The project also includes a diversion channel through Catahoula Lake near Jonesville, Louisiana, for ecological reasons.

**FY11 Request:** \$24,135,000

**Project Purpose:**

Funds are requested to continue operations of four locks and dams, clearing and snagging, dredging, and associated environmental requirements of the Ouachita and Black Rivers.

**Project Name:** Ouachita River and Tributaries, AR and LA

**Recipient:** US Army Corps of Engineers, Vicksburg District

**Project Location:** The study area is the Ouachita River Watershed in Arkansas and Louisiana.

**FY11 Request:** \$200,000

**Project Purpose:**

Funds are requested to initiate a reconnaissance level study to prepare an updated plan for the development and conservation of water and related land resources for the Ouachita River Watershed in Arkansas and Louisiana.

**Project Name:** Ozark/Jeta Taylor Powerhouse, AR  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** The project is located on the Arkansas River at Ozark, Arkansas.  
**FY11 Request:** \$23,500,000

**Project Purpose:**

This project consists of redesigning and replacing the turbines, rehabilitating the speed increasing gear boxes, rehabilitating the powerhouse cranes, and replacing and rehabilitating supporting systems and equipment.

**Project Name:** Pilot-Scale Studies of Dissolved Oxygen Addition at Impaired Water-bodies

**Recipient:** BlueInGreen, LLC, Fayetteville, AR

**Project Location:** N/A

**FY11 Request:** \$370,000

**Project Purpose:**

BlueInGreen, LLC proposes to partner with the U.S. Bureau of Reclamation to request funding for the purchase of a portable supersaturated dissolved oxygen delivery system for the assessment of improved water quality at a number of locations.

**Project Name:** Pine Mountain Dam, Arkansas

**Recipient:** US Army Corps of Engineers, Little Rock District

**Project Location:** The dam site is located at mile 35.7 on Lee Creek, 12 miles north of the city of Van Buren.

**FY11 Request:** \$1,500,000

**Project Purpose:**

This project consists of a water supply reservoir that would have a drainage basin of 168 square miles. The project will determine a sustainable and clean source of water for the River Valley Regional Water District, the local sponsor. Studies to complete a General Reevaluation Report and Environmental Impact Statement have been initiated.

**Project Name:** Red-Ouachita Basin Levees, AR and LA

**Recipient:** US Army Corps of Engineers, Vicksburg District

**Project Location:** The Ouachita River Levee system runs up the east bank of the Ouachita River from Sandy Bayou to Bastrop, LA on Bayou Bartholomew including flood protection for Monroe, and ring levees on the west bank of the Ouachita River a Columbia, Bawcomville, and West Monroe and the Calion Protection Works.

**FY11 Request:** \$8,000,000

**Project Purpose:** Funds are requested to continue important levee maintenance work to protect people, cities, historic sites, and other properties.

**Project Name:** Red River Below Denison Dam, AR, LA, and TX  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** Project facilities are located along the Red River from the vicinity of Index, Arkansas, to Boyce, Louisiana, along the right bank, and to Pineville, Louisiana, along the left bank.  
**FY11 Request:** \$12,000,000

**Project Purpose:**  
The project protects the flood plain from crop damage; loss of livestock; and damage to levees, railroads, highways, industries, and other river and urban developments.

**Project Name:** Red River Emergency Bank Protection, Arkansas, Louisiana, Oklahoma, and Texas  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** The project is located in Northwest Louisiana, Southwest Arkansas, Southeast Oklahoma, and Northeast Texas, along the Red and Old Rivers between the mouth of Old River at its juncture with the Mississippi River and Denison Dam, Texas, and provides for protection of critical infrastructure and land along the river.  
**FY11 Request:** \$11,300,000

**Project Purpose:**  
Funds are requested to fully fund construction of one revetment, Phases II and III, and initiate design of one revetment, Phases I, II, and III.

**Project Name:** Red River Navigation, Southwest Arkansas, AR  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** The study area is located in Northwest Louisiana, Southwest Arkansas, Northeast Texas, and Southeast Oklahoma and includes the 135 miles of the Red River between Shreveport, LA, and Index, AR  
**FY11 Request:** \$50,000

**Project Purpose:**  
The study is investigating alternatives for extending navigation from Shreveport, LA, to Index, AR.

**Project Name:** River Valley Regional Intermodal Facilities Authority  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** Pope County, Arkansas  
**FY11 Request:** \$2,000,000

**Project Purpose:** Several years ago Pope County and the City of Russellville established a multi-jurisdictional intermodal facilities authority. The purpose of the River Valley Regional Intermodal Facilities Authority is to promote economic development and job creation in the Arkansas River Valley by serving existing industry and providing services necessary to attract new business and industry to the area.

**Project Name:** Southeast Arkansas, AR  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** The project area includes the Boeuf-Tensas and Bayou Bartholomew Basins of southeast Arkansas. Counties included are Jefferson, Lincoln, Drew, Ashley, Chicot, and Desha.  
**FY11 Request:** \$300,000

**Project Purpose:**  
Funds are requested to continue the feasibility phase to address current flooding, water supply, and environmental restoration problems and needs.

**Project Name:** Southwest Arkansas, AR  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** The study area includes part of four counties in Southwest Arkansas in the Red River/Little Red River basins. The area contains four Corps lakes: DeQueen, Dierks, Gillham, and Millwood.  
**FY11 Request:** \$47,000

**Project Purpose:**  
The watershed study would evaluate flooding, irrigation, restoration of fish and wildlife habitat, water quality, hydropower, and water releases for navigation and recreation.

**Project Name:** Southwest Experimental Fast Oxide Reactor (SEFOR) Decommissioning  
**Recipient:** University of Arkansas  
**Project Location:** SEFOR is located at Strickler, in Washington County, Arkansas.  
**FY11 Request:** \$28,790,000

**Project Purpose:**  
This request provides for the decommissioning of SEFOR in Strickler, AR, as a demonstration project to test expedited procedures for a reactor site cleanup.

**Project Name:** St. Francis Basin, AR & MO  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The project is located in southeastern Missouri and northeastern Arkansas.  
**FY11 Request:** \$8,100,000

**Project Purpose:**  
The project provides protection against headwater floods by means of a detention reservoir at Wappapello, MO, improvement of the flood-carrying capacities of the St. Francis and Little Rivers and their principal tributaries by means of channel improvements, new channel, auxiliary channels, and leveed floodways.

**Project Name:** St. Francis River and Tributaries, AR & MO  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The project is located in southeastern Missouri and northeastern Arkansas.  
**FY11 Request:** \$22,100,000

**Project Purpose:**  
This project provides protection against headwater floods, as well as improvement of the flood-carrying capacities of the St. Francis and Little Rivers and their principal tributaries.

**Project Name:** Tensas Basin, Boeuf-Tensas River, AR and LA  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** The flood control project is located in central and northeast Louisiana and southeast Arkansas and includes the Lake Chicot pumping plant.

**FY11 Request:** \$3,244,000

**Project Purpose:**

Funds are requested to continue operation and maintenance of project features.

**Project Name:** Three Rivers Study  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** The confluence of the Arkansas, White, and Mississippi Rivers is located in Desha and Arkansas counties.

**FY11 Request:** \$100,000

**Project Purpose:**

The refuge and the surrounding area is habitat for numerous threatened and endangered species. Bank instability and head cutting in the watershed is a serious threat to navigation, vital ecosystems, recreation, and flood control for the Three Rivers. This study would analyze possible solutions to these threats.

**Project Name:** Tool Coating Technology for Advanced Machining and Manufacturing  
**Recipient:** NanoMech  
**Project Location:** Springdale, AR  
**FY11 Request:** \$2,800,000

**Project Purpose:**

NanoMech is proposing to establish a state-of-the-art manufacturing facility in its Springdale Arkansas location to produce reliable TuffTek coating and further enhance its technology offerings. NanoMech has developed a breakthrough coating technology, TuffTek, to enhance the new generation of energy-efficient cubic boron-nitride (cBN) coated cutting tools, a breakthrough which promises to significantly enhance the competitiveness of U.S. civilian and defense manufacturing firms.

**Project Name:** Walnut Bayou, Little River County, AR  
**Recipient:** US Army Corps of Engineers, Little Rock District  
**Project Location:** Walnut Bayou lies along the left bank of the Red River in the western most part of Little River County, west of Index, Arkansas.

**FY11 Request:** \$100,000

**Project Purpose:**

The project would place intermittent levees between high ground along the Red River, starting just east of the mouth of the Bayou and going upstream to place a closure structure at Highway 87 in Oklahoma.

**Project Name:** White River, Arkansas  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** On the White River from mile 9.8 to mile 255, near Newport, Arkansas.  
**FY11 Request:** \$10,230,000

**Project Purpose:**

This project provides for maintenance of the navigation channel, about 245 miles, to provide sufficient width and depth to accommodate existing commerce.

**Project Name:** White River Basin Comprehensive Study, AR & MO  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The study area covers 28,000 square miles in northeastern Arkansas and southern Missouri.  
**FY11 Request:** \$1,500,000

**Project Purpose:**

The study will identify water resources needs and opportunities in the White River Basin.

**Project Name:** White River Navigation to Batesville, AR  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The project location is the White River from the Arkansas Post Canal to Batesville, Arkansas.  
**FY11 Request:** \$2,030,000

**Project Purpose:**

The studies will identify the feasibility of a navigation channel for commercial and recreational transportation.

**Project Name:** Wynne, Arkansas  
**Recipient:** US Army Corps of Engineers, Memphis District  
**Project Location:** The study area is located in the western portion of the City of Wynne and extends outside the Wynne city limits to the west along Town Creek to Highway 350.  
**FY11 Request:** \$50,000

**Project Purpose:**

The existing drainage system is inadequate to handle peak flow events in the lower portion of the watershed.

**Project Name:** Yellow Bend Port, AR  
**Recipient:** US Army Corps of Engineers, Vicksburg District  
**Project Location:** Yellow Bend Port is an inland port located along the Mississippi River in Desha County, Arkansas.  
**FY11 Request:** \$115,000

**Project Purpose:**

This project's purpose is to provide transportation for water-oriented industry in Desha and Chicot counties in Arkansas.